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(FILE 'HOME' ENTERED AT 15:19:16 ON 31 OCT 2006)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA'  
ENTERED AT

15:19:50 ON 31 OCT 2006

L1 3209 S PHYCOBILIPROTEIN  
L2 14227 S PHYCOERYTHRIN OR PHYCOCYANIN OR  
ALLOPHYCOCYANIN  
L3 34 S DISPLAYED DOMAIN  
L4 7947 S (AFFINITY TAG) OR (BINDING MOIETY) OR (SIGNALING  
MOIETY) OR (  
L5 7980 S L3 OR L4  
L6 15538 S L1 OR L2  
L7 7 S L5 (P) L6 (P) (FUSION OR CHIMERIC)  
L8 3 DUPLICATE REMOVE L7 (4 DUPLICATES REMOVED)  
L9 2397132 S STREPTAVIDIN OR BIOTIN? OR ANTIGEN  
L10 2 S L8 (P) L9  
L11 0 S L10 AND CELL  
L12 1743 S PROTEASE CLEAVAGE SITE  
L13 1 S L8 AND L12  
L14 0 S L13 NOT L8  
L15 38544 S CYANOBACTERIUM OR RHODOPHYTE OR CRYPTOMONAD  
OR (ANABAENA CELL  
L16 1 S L8 AND L15  
L17 3 S L8 AND OLIGOMERIC  
L18 1536 S GLAZER A?/AU  
L19 8512 S CAI Y?/AU  
L20 10027 S L18 OR L19  
L21 233 S L20 AND L1  
L22 8 S L21 AND L5  
L23 4 DUPLICATE REMOVE L22 (4 DUPLICATES REMOVED)  
L24 1 S L23 NOT L8

=> log y

|    | Type | L # | Hits   | Search Text                                                                                                   | DBs                                   | Time Stamp          | Comments | Error Definition | Errors |
|----|------|-----|--------|---------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------|----------|------------------|--------|
| 1  | BRS  | L1  | 1125   | phycobiliprotein                                                                                              | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>14:48 |          |                  |        |
| 2  | BRS  | L3  | 61262  | fusion adj protein                                                                                            | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>14:48 |          |                  |        |
| 3  | BRS  | L4  | 13013  | phycoerythrin or<br>phycocyanin or<br>allophycocyanin                                                         | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>14:49 |          |                  |        |
| 4  | BRS  | L5  | 160    | displayed adj domain                                                                                          | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>14:49 |          |                  |        |
| 5  | BRS  | L6  | 10479  | (affinity adj tag) or (binding<br>adj moiety) or (signaling adj<br>moiety) or (oligomerization<br>adj domain) | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>14:50 |          |                  |        |
| 6  | BRS  | L7  | 10609  | 5 or 6                                                                                                        | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>14:51 |          |                  |        |
| 7  | BRS  | L8  | 8      | 1 same 7 same (fusion or<br>chimeric)                                                                         | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:07 |          |                  |        |
| 8  | BRS  | L9  | 45581  | reductase                                                                                                     | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:07 |          |                  |        |
| 9  | BRS  | L10 | 7371   | lyase                                                                                                         | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:08 |          |                  |        |
| 10 | BRS  | L11 | 2      | 8 and 9 and 10                                                                                                | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:08 |          |                  |        |
| 11 | BRS  | L12 | 186313 | streptavidin or biotin\$5 or<br>antigen                                                                       | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:09 |          |                  |        |
| 12 | BRS  | L13 | 5476   | protease adj cleavage adj site                                                                                | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:09 |          |                  |        |

|    | Type | L # | Hits | Search Text                      | DBs                                   | Time Stamp          | Comments | Error Definition | Errors |
|----|------|-----|------|----------------------------------|---------------------------------------|---------------------|----------|------------------|--------|
| 13 | BRS  | L14 | 6    | 8 same (12 or 13)                | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:10 |          |                  |        |
| 14 | BRS  | L15 | 6    | cell and 14                      | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:11 |          |                  |        |
| 15 | BRS  | L16 | 2799 | cyanobacterium                   | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:11 |          |                  |        |
| 16 | BRS  | L17 | 31   | rhodophyte                       | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:11 |          |                  |        |
| 17 | BRS  | L18 | 46   | cryptomonad                      | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:11 |          |                  |        |
| 18 | BRS  | L19 | 14   | anabaena adj cell                | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:11 |          |                  |        |
| 19 | BRS  | L20 | 2819 | L16 or L17 or L18 or L19         | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:11 |          |                  |        |
| 20 | BRS  | L21 | 6    | 14 and 20                        | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:11 |          |                  |        |
| 21 | BRS  | L2  | 12   | phycobiliprotein same oligomeric | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:12 |          |                  |        |
| 22 | BRS  | L22 | 0    | 14 same oligomeric               | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:13 |          |                  |        |
| 23 | BRS  | L23 | 5    | 14 and oligomeric                | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:13 |          |                  |        |
| 24 | BRS  | L24 | 57   | glazer adj alexander.in.         | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:14 |          |                  |        |
| 25 | BRS  | L25 | 5    | cai adj yuping.in.               | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:14 |          |                  |        |

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|----|------|-----|------|-------------|---------------------------------------|---------------------|----------|------------------|--------|
| 26 | BRS  | L26 | 57   | 24 or 25    | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:15 |          |                  |        |
| 27 | BRS  | L27 | 5    | 26 and 8    | US-PGPUB; USPAT;<br>EPO; JPO; DERWENT | 2006/10/31<br>15:15 |          |                  |        |